

536,678

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
10 June 2004 (10.06.2004)

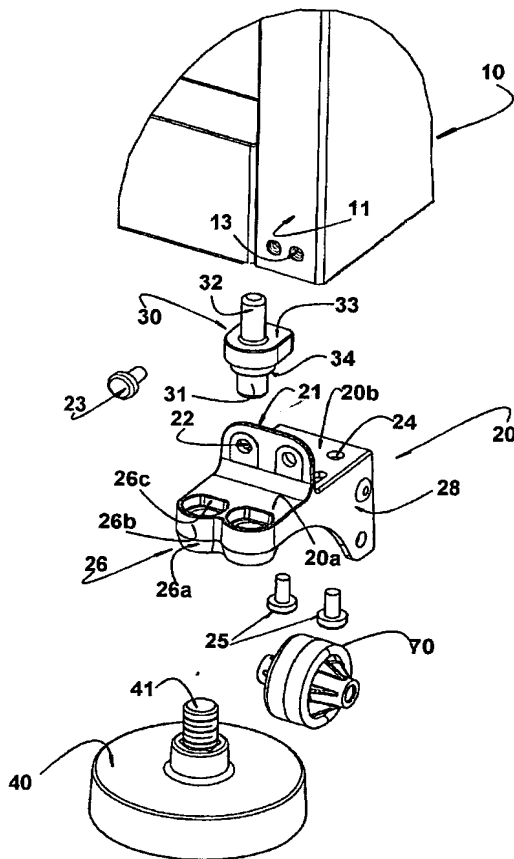
PCT

(10) International Publication Number
WO 2004/048729 A1

- (51) International Patent Classification⁷: **E05D 7/02**, 7/08, 11/00
- (21) International Application Number: **PCT/BR2003/000172**
- (22) International Filing Date:
21 November 2003 (21.11.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
PI 0205141-9 25 November 2002 (25.11.2002) BR
- (71) Applicant (for all designated States except US): **MULTI-BRÁS S.A. ELETRODOMÉSTICOS** [BR/BR]; Avenida das Nações Unidas, 12995, 32º andar, 04578-000 São Paulo - SP (BR).
- (72) Inventors; and
(75) Inventors/Applicants (for US only): **ESPÍNDOLA, Estevão, Marino** [BR/BR]; Rua Carlos A. Neubauer, 246, 89223-050 Joinville - SC (BR); **TESTONI, Ademar** [BR/BR]; Rua Adolfo Gruensch Júnior, 22, apt. 303, 89218-490 Joinville - SC (BR); **ALMEIDA, Sthefan, Verjas de** [BR/BR]; Rua Marco Angelo Bisognini, 40, Rudge Ramos, 09613-050 São Bernardo do Campo - SP (BR); **FERREIRA, Jean, Marcelo** [BR/BR]; Rua Rui Barbosa, 1431, apt. 301A - Costa e Silva, 89220-100 Joinville - SC (BR).
- (74) Agents: **ARNAUD, Antonio, M., P.** et al.; Rua José Bonifácio, 93, 9th floor, 01003-901 São Paulo - SP (BR).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK,

[Continued on next page]

(54) Title: **HINGE ARRANGEMENT FOR THE FRONT DOOR OF A CABINET**



(57) Abstract: A hinge arrangement for the front door of a cabinet, comprising a hinge body (20) affixed to a lower front edge (11) of the cabinet (10) and carrying an upwardly projecting hinge pin (30), maintaining a certain spacing from the lower front edge (11) of the cabinet (10) and around which the front door is inferiorly journaled. A shoe (40) is inferiorly mounted to the hinge body (20) so as to be selectively manually displaced between an inoperative position, in which it is operatively spaced from the floor (P) that supports the cabinet (10), and an operative position, in which it is seated on the floor (P), in order to transfer to the latter the weight of the front door and to lock the cabinet (10) against displacements on the floor (P).

WO 2004/048729 A1



MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT,
RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR,
TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

(84) **Designated States (regional):** ARIPO patent (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.